

Title (en)  
LENS BODY AND RESPECTIVE HEADLAMP FOR VEHICLE

Title (de)  
LINSE UND DAZUGEHÖRIGER SCHEINWERFER FÜR EIN FAHRZEUG

Title (fr)  
LENTILLE ET PHARE CORRESPONDANT POUR VÉHICULE

Publication  
**EP 3388736 B1 20231122 (EN)**

Application  
**EP 18166834 A 20180411**

Priority  
JP 2017080631 A 20170414

Abstract (en)  
[origin: EP3388736A1] A lens body (40) includes a first reflecting surface (44) totally reflecting entered light, a second reflecting surface (46) totally reflecting at least some of the light totally reflected at the first reflecting surface (44), and a light emitting surface (48) emitting light passed through forward, wherein the first reflecting surface (44) includes an elliptical spherical shape with reference to a front focal point (F1-44) and a rear focal point (F2-44) disposed parallel with each other in the forward/rearward direction, the rear focal point (F2-44) disposed in a vicinity of a light source (26), the light emitting surface (48) has a first leftward/rightward emission region (48A,48B) and a second leftward/rightward emission region (48B) adjacent to the first leftward/rightward emission region (48A) in a leftward/rightward direction, the first leftward/rightward emission region (48A) refracts the entered light in a direction approaching a forward/rearward reference axis (AX), and the second leftward/rightward emission region (48B) refracts at least some of the entered light in a direction getting away from the forward/rearward reference axis (AX).

IPC 8 full level  
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CPC (source: CN EP US)  
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Cited by  
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